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Area Code and Telephone Number 908-654-5000

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1

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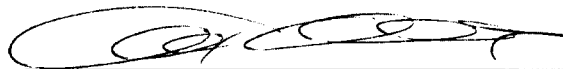
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Arnold H. Krumholz

Name of Person Signing



Signature

December 23, 1999

Date

ASSIGNMENT

U.S.A. *D.V. Gupta*

WHEREAS, I, D.V. Satyanarayana Gupta, citizen of ~~Canada~~ residing at 94 Edenstone View, N.W., Calgary, Alberta, T3A 4T4 have invented certain new and useful improvements in a LIQUID CO/HYDROCARBON OIL EMULSION FRACTURING SYSTEM (the invention) described and claimed in the United States application for Letters Patent executed concurrently herewith (the "application");

WHEREAS, Newsco-Fracmaster Ltd., whose full post office address is 6620 - 36th Street S.E., Calgary, Alberta, T2C 2G4 is desirous of acquiring the entire right, title and interest in, to and under the said invention and the said applications therefor, inclusive of any and all priority rights derived therefrom, and in and to all Letters Patent of Canada, the United States and countries foreign thereto, to be granted for the said invention;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and of other good and valuable consideration paid to us by Newsco-Fracmaster Ltd. (hereinafter called the "Assignee"), receipt whereof is hereby acknowledged, the said D.V. Satyanarayana Gupta, (hereinafter called "the Assignors"), do hereby sell, assign and set over unto the Assignee our entire right, title and interest in Canada, the United States and all other countries in and to the said applications and in and to the said invention disclosed therein, inclusive of any and all priority rights derived therefrom, the same to be held and enjoyed by the Assignee, its successors, assigns or legal representatives to the full ends of the terms for which all Letters Patent therefor may be granted including any extensions or reissues thereof as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

AND WE HEREBY AUTHORIZE the Assignee to make applications for and to receive Letters Patent for said invention in any foreign countries in its own name or in any name at its election.

AND WE HEREBY COVENANT AND AGREE that we will execute or procure any further necessary assurance of the title to the said invention and Letters Patent and that we will at any time upon the request and at the expense of the Assignee execute and deliver any and all papers that may be necessary or desirable to perfect the title to said invention or any Letters Patent which may be granted therefor to the Assignee, its successors, assigns, or other legal representatives and that we will at any time upon the request and at the expense of the Assignee testify in any legal proceeding, sign all lawful papers, execute any additional divisional, substituting, continuing or reissue applications for patents for said invention or any part or parts thereof, make all rightful oaths and generally do all lawful acts to aid the Assignee, its successors, assigns or other legal representatives to obtain and enforce patent protection in said invention in all countries without further compensation but at the expense of the Assignee, its successors, assigns or other legal representatives.

AND WE HEREBY AUTHORIZE AND REQUEST The Commissioner of Patents or the Comptroller (as the case may be) to issue any and all Letters Patent for said invention or resulting from said applications or from any division, reissue or extension thereof to the Assignee as sole Assignee.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals.

22 December 1999
Date

 
D.V. Saryanarayana Gupta


Witness